

# Waste Commission of Scott County

- ▶ Established in 1972
- ▶ Mission: to provide environmentally sound and economically feasible solid waste management for Scott County
- ▶ Own and operate:
  - ▶ Scott Area Landfill
  - ▶ Scott Area Recycling Center
  - ▶ Household Hazardous Material & VSQG Facility
  - ▶ Electronics Recovery Center



# Special Waste Examples

- ▶ PCS (Petroleum contaminated soil)
- ▶ Asbestos
- ▶ Pit sludge
- ▶ Grits and Rags
- ▶ Bag house dusts
- ▶ Filter cakes
- ▶ Ash
- ▶ Liquids
- ▶ Sand Blasting Waste
- ▶ Fluff – Auto Shredder Residue
- ▶ Tank Bottoms
- ▶ Liquid Waste

# Process to Bring Special Waste in

- ▶ Initial Call
- ▶ Questions
- ▶ Paperwork
  - ▶ Do we have a SWAC on file with the DNR?

# Receiving paperwork

- ▶ Review our profile form
- ▶ Review Analytical data
- ▶ Review MSDS/SDS

# Laboratory Analytical

- ▶ Landfill TCLP (Toxicity Characteristic Leaching Procedure)
  - ▶ metals, volatiles, semi volatiles, pesticides and herbicides
- ▶ PH
- ▶ Flash point
- ▶ We use what knowledge we have from the industrial process or spill to determine testing required
- ▶ Totals testing

# Acceptance

- ▶ Once material proves to be non hazardous WCSC completes the form
- ▶ Handling instructions
- ▶ Waste code
- ▶ Signature and date

# Scale Acceptance

- ▶ Hauler calls before delivery
- ▶ Scale attendant verifies load matches what is on the paperwork
- ▶ Last line of defense before entering the site.
  - ▶ Scale operator and landfill equipment operator in the field

# What happens in the field?

- ▶ All waste that is not MSW or C&D the scale will call to operators.
- ▶ Operators are aware of what the specific waste looks/smells like through training and experience.
- ▶ Understand possible hazards with the special waste we accept.
  - ▶ Most typical hazard – fugitive dust
- ▶ Be sure to handle material properly
- ▶ Be conscious of customers



# PCS – Petroleum Contaminated Soil



# Asbestos



# Where is Asbestos found?

## EXAMPLES OF ASBESTOS-CONTAINING PRODUCTS

Floor backing	Pipe insulation	Construction mastics
Heating and electrical ducts	Acoustical plaster	Electrical panel partitions
Decorative plaster	Electrical cloth	Textured paints/coatings
Electric wiring insulation	Ceiling tiles	Lay-in panels
Chalkboards	Spray-applied insulation	Roofing shingles
Blown-in insulation	Roofing felt	Fireproofing materials
Base flashing	Taping compounds	Thermal paper products
Packing materials	Fire doors	High-temperature gaskets
Caulking and putties	Lab hoods and tabletops	Adhesives
Laboratory gloves	Wallboard	Fire blankets and curtains
Joint compounds	Vinyl wall coverings	Elevator equipment panels



# Grits and Rags



# Melter bag house



# Clean up dust





# Shredder dust



# Street Sweepings



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# Alter Fluff - ASR



# Sludges

- ▶ Liquids
  - ▶ Petroleum contaminated liquid/sludge
    - ▶ Oil/water separators, spills, accidents (barge)
    - ▶ Drain and trench pits – car washes, shops
  - ▶ Process liquids, Barge clean outs, wash water
  - ▶ Soap
  - ▶ Proper mixing ratio to manage without ash overuse

# Fly ash





# MRF Bales



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# Burn Barrel



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# We are here to help!

► Questions?

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